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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Estes et al.	§	Group Art Unit: 2878
	§	
SERIAL NO.: 10/771,675	§	
	§	
FILED: February -04-2004	§	Examiner:
	§	
TITLE: "Measurement-While-Drilling	§	Confirmation No.: 4037
Assembly Using Real-Time	§	
Toolface Oriented Measurements"	§	Atty Docket No.: 414-29494-USCP

**PRELIMINARY AMENDMENT**

Before any substantive action on this application, please amend the application as indicated. Amendments to the claims start on page 2 of this document.

09/14/2004 AJOHNS01 00000001 020429 10771675

01 FC:1202 72.00 DA

414-29494USCP

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# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10771675

10771675

## CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	38	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	38 minus 20 =	18
INDEPENDENT CLAIMS	2 minus 3 =	0
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	42	38	4
Independent	3	3	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			
Independent			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			
Independent			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
  - \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

### SMALL ENTITY TYPE ☐

RATE	FEE
BASIC FEE	385.00
XS 9=	
X43=	
+145=	
TOTAL	

### OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	770.00
XS18=	324
X86=	
+290=	
TOTAL	1094

### SMALL ENTITY TYPE ☐

RATE	ADDI-TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

### OR OTHER THAN SMALL ENTITY

RATE	ADDI-TIONAL FEE
XS18=	72
X86=	
+290=	
TOTAL ADDIT. FEE	72

RATE	ADDI-TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDI-TIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

RATE	ADDI-TIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDI-TIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	